

HAVOC OPERATORS MANUAL

ATTENTION: DO NOT USE THIS MARKER BEFORE HAVING READ AND UNDERSTOOD ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL.

IMPORTANT SAFETY INSTRUCTION AND GUIDE LINES

- This Paintball Marker is NOT A TOY. Misuse can cause serious injury or death.
- Recommend 18 years or older to purchase this product. Person under 18 must have adult supervision.
- Read this manual, understand and follow the manual instructions for using this product.
- Eye and face protection specially designed for paintball use, must be worn by user and persons within range at all times.
- Treat all paintball markers as if it were loaded and able to fire.
- Never look down the barrel or breech area of a marker.
- Always use barrel blocking device when the marker is not in use.
- Always chronograph this marker before playing paintball.
- Never shoot any marker at velocities exceeds 300 FPS (Feet Per Second), or velocities which is greater than local fields or national laws allow.
- Ensure all air lines and fittings are tightened and secured before installing the air tanks.
- Do not shoot at people, animals, houses, cars or anything is not related to the sport of paintball.
- Always keep the marker in Safe mode until ready for use.
- Fire only 0.68 caliber paintballs with this marker.
- Always make sure the bolt is in the un-cocked position when marker is not in use.
- Any modifications or tampering of original factory parts will void all warranties and liabilities .
- This owner's manual should always accompany this marker for reference and in the event of resale and new ownership.

IMPORTANT CO2/ HPA AIR TANK SAFETY INSTRUCTION

- Tank valves must be installed or removed by qualified personnel.
- All tanks must be retested before the expiration date.
- Improper use, filling, storage of this air tank may cause death, serious injury and property damage.
- Air tanks must be filled only by properly trained personnel.
- Do not over pressurize. Do not expose pressurized tanks to temperatures in excess of 130F° degrees (54°C).
- Do not expose tanks to corrosive materials and do not clean with caustic cleaners.
- Do not alter tanks in any way.
- Tanks heated up to a temperature of 250F° degrees (54°C) or more must be condemned or re-qualified.
- Keep air tanks out of reach of children.
- The valve should NEVER detach from the tank canister. Should this occur, seek assistance from a qualified airsmith immediately.
- Air tanks are use for the sport of paintball only.

CO2 or HPA/ N2 Air tanks will have enough force to fly off and cause serious injury or death if the valve unscrews from the tank head. Look at the valve when removing the tank from the marker's Bottom ASA. Make sure that the valve is turning with the tank instead of staying with the marker.

STOP IMMEDIATELY if valve starts to unscrew from the tank itself. Screw the tank back onto the marker's Bottom ASA adapter and contact a qualified airsmith for further assistance.



GETTING STARTED

1. First, insert the BARREL PLUG into the barrel, then press the safety button so it is visible on the RIGHT hand side of the marker
2. Pull the top cocking bolt backwards so it locks into a cocked position
3. Firmly screw in the CO2/ HPA/ N2 air tank to the Bottom ASA. Tighten the air tank clockwise all the way in the marker's bottom ASA. **CAUTION: Never use any hand tool to screw air tank to the bottom ASA.**
4. Attach a paintball hopper/ loader to the marker's feed neck.
5. Remove the barrel plug and then press the safety button so it is visible on the LEFT hand side of the marker.

CAUTION: Now the marker is LIVE, pulling the trigger will fire a paintball. Only test your marker at a proper organized paintball field or in areas designated for playing paintball.

6. Check marker's velocity FPS (Feet Per Second). Turning the Velocity Adjuster clockwise will increase the velocity. Counter clockwise will decrease the velocity.
7. After playing, take out all paintballs from the hopper. Then detach the hopper from the marker.
CAUTION: There may be 1-2 paintballs in the breach area; take a couple more shots in a safe direction to make sure the marker is empty of paintballs.
8. Insert the BARREL PLUG into the barrel, then press the safety button so it is visible on the RIGHT hand side of the marker
9. Unscrew the CO2/ HPA/ N2 air tanks from the marker's bottom ASA.
10. Store the marker in a paintball bag or in a safe place.

VELOCITY ADJUSTER

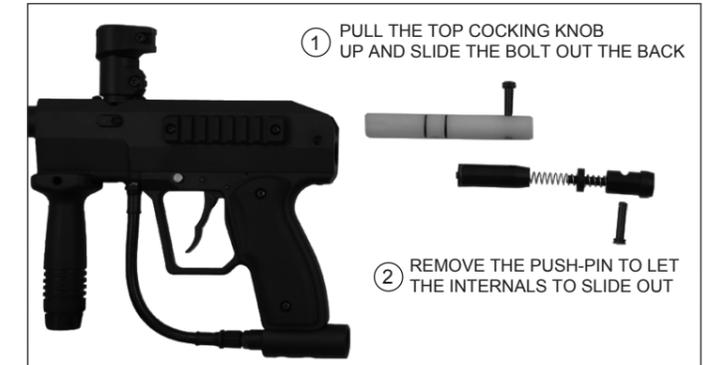
To increase your velocity FPS (Feet Per Second), use the allen wrench to turn the Velocity Adjuster clockwise.

To decrease your velocity FPS (Feet Per Second), use the allen wrench to turn the Velocity Adjuster counterclockwise.



ASSEMBLY AND CLEANING

WARNING: Never remove the internals of the marker while the air tank is attached with the marker. Always remove all paintballs, loader and air tank before disassembling the marker.



CLEANING AND DISASSEMBLE REAR INTERNALS

1. Lift upward on the Top Cocking Knob at the rear of Delrin Bolt. This will let the Delrin Bolt slide out from the rear of the receiver.

2. Pull out the push-pin on the rear of the marker. This will let the End Cap and the marker's internals to slide out from the rear of the receiver. Remember to place the marker in the de-cock position and place light pressure behind the End Cap during the removal of the End Cap, this way will prevent the internals to spring out.

3. Slide the Striker out of the rear of the receiver.

4. Once all the internal parts are removed, use a squeegee to clean the inside of the receiver and use a towel to clean the dirt or paint off of Delrin bolt. Apply some paintball gun oil on the Striker O-Ring regularly.

REASSEMBLE REAR INTERNALS

1. Insert the Striker thru the rear of the receiver with the O-Ring facing towards the front of the marker and with the hole on the Striker facing upright. While inserting the Striker, apply pressure behind the Striker and at the same time pull the Trigger to let Striker enter the rear chamber of the receiver.

2. Insert the Bumper thru the receiver and insert the Spring thru the Bumper.

3. Insert the End Cap with the Velocity Adjuster Thru the Bumper and Spring.

4. Insert the push-pin to lock the end cap in and hold the internals in place.

5. Insert the Bolt Assembly thru the rear of the receiver. Press downward on the Top Cocking Knob (At the rear of Bolt Assembly) to connect and enter the hole of Striker to fasten with the Striker. Use a small tool such as allen wrench to align the hole of the Striker.

TROUBLESHOOTING

WARNING: Always remove all paintballs, loader and air tank before disassembling the marker.

The Havoc does not recock or fires multiple paintballs in short bursts
- Check Striker o-ring, replace if worn or apply paintball gun oil if dry

- Check if your tank is running low, refill if necessary

- Dirt or broken paintballs in the breech. Remove bolt and clean following steps 1-5

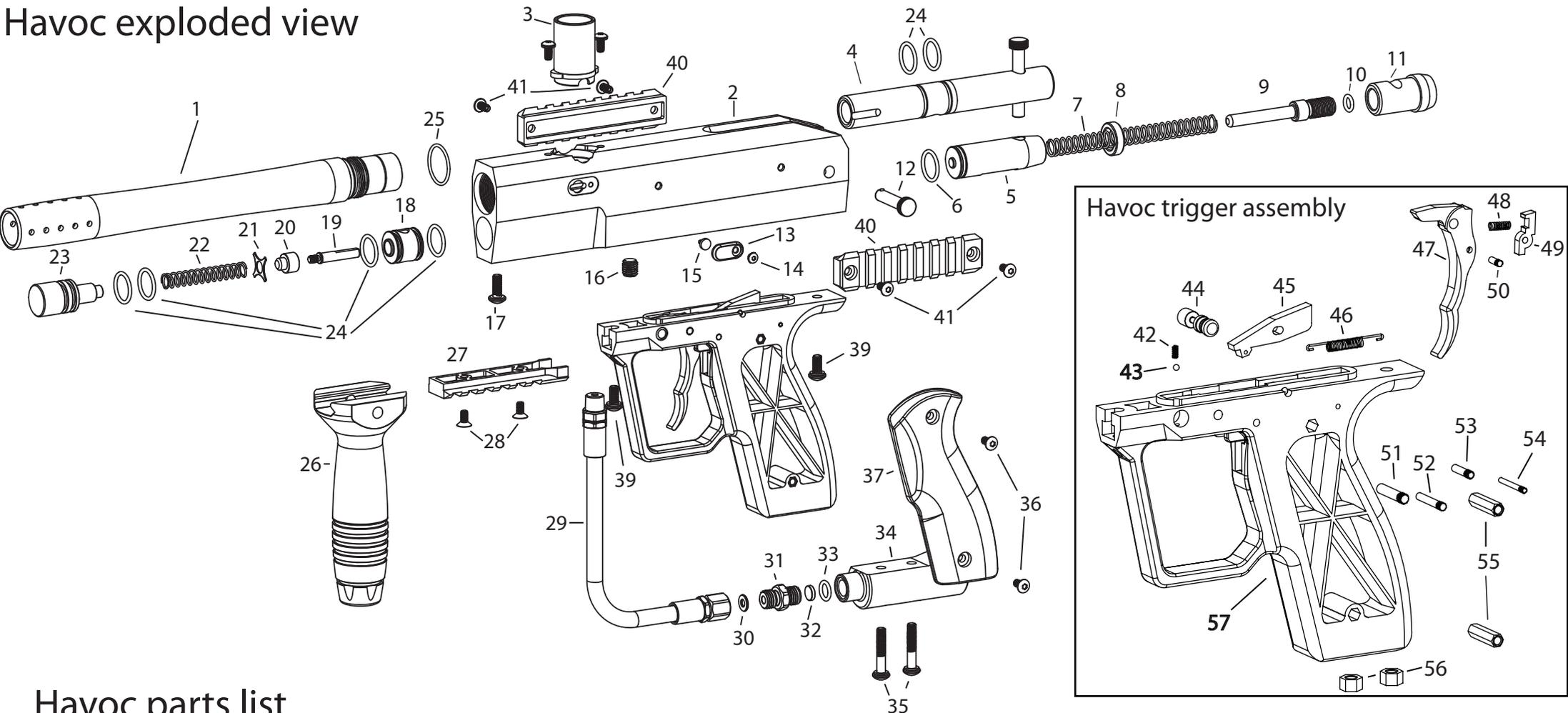
AIR LEAKS

Air leaking from the low pressure chamber.
- Check O-Ring, replace if worn or missing.

Air leaking from the barrel and/or feedneck
- Check cupseal and valve body orings, replace if worn or missing.

Air leaking from the receiver and throughout the Grip frame.
-Check Valve O-Rings and replace if worn or missing.

Havoc exploded view



Havoc parts list

- 1 Havoc Barrel
- 2 Havoc Body
- 3 Havoc Feed tube
- 4 Havoc Delrin bolt
- 5 Striker
- 6 Striker o-ring (red)
- 7 Striker spring
- 8 Striker Bumper
- 9 Velocity adjuster
- 10 Velocity adjuster o-ring
- 11 Rear plug
- 12 Push-pin
- 13 Ball detent cover
- 14 Ball detent cover screw
- 15 Ball detent
- 16 Valve retaining screw
- 17 Front plug screw
- 18 Valve body
- 19 Valve stem
- 20 Cupseal
- 21 Cupseal guide
- 22 Valve spring
- 23 Front plug
- 24 #9 oring (black)
- 25 Barrel o-ring
- 26 Frontgrip
- 27 Front Rail
- 28 Front Rail Screw
- 29 Gas line
- 30 Gas line washer
- 31 Gas line adapter
- 32 Gas line filter
- 33 Gas line o-ring
- 34 ASA
- 35 ASA Screws
- 36 Grip panel screws
- 37 Grip panel Left
- 38 Grip panel Right
- 39 Grip frame screw
- 40 Side rail
- 41 Side rail screw
- 42 Safety Ball
- 43 Safety Spring
- 44 Safety
- 45 Sear
- 46 Sear Spring
- 47 Havoc trigger
- 48 Trigger latch spring
- 49 Trigger latch
- 50 Trigger latch pin
- 51 Trigger dowel pin
- 52 Sear stop pin
- 53 Sear dowel pin
- 54 sear spring pin
- 55 Grip panel screw insert
- 56 ASA screw insert
- 57 Havoc trigger frame